LX640I

Product Overview

LX640I/650I/645I/660I series are interactive multi-function models designed especially to transform existing teaching and meeting presentation mode, applied to business activities, mobile conferences and so on. Connect the projector to the computer and the electronic pen (pointer) becomes the “mouse” for you to operate PC. The color of the pen’s (pointer) image is changeable on the screen along with convertibility of earaser and other tools. Users can operate the computer easily with the pen (pointer) to write or draw on the screen. The presenter is able to remark or make comments on the screen while doing presentation so as to make the points clearly understood by the auditorium. In that sense, an interactive communication is established through the projector.

Features:

1、Wireless operation by electronic pen and pointer

ACTO interactive projector supports operation on any kind of screen. Whether on a soft screen or the white wall, by its operating system, users can experience quick response and fluent operation as of a high resolution whiteboard. The ergonomic design of the pen’s (pointer) body brings comfort to presenters preventing a sore hand. More fundamentally, the pointer with viarable length realizes writing and drawing application on soft screen, making it a must for businessmen and tutors.

2、Adjustable writing area

ACTO interactive projector maintains effective writing area from 40” to 150” by adjustment of prejection distance. Users with basic computer knowledges will find it is surprisingly easy to master the command of the interactive system within only few minutes, which changes the blackboard-chalk-earaser teaching stereotype. The computer-bond presenter is set free to interact with the audiences sharing his opinions and thoughts in an effective and creative way.

3、Easy operation and powerful software

All the following operations are available under ACTO interactive software: notes on electronic books, excel, audio/ vedio files and PPT; inserting diagrams, displaying audio/vedio files, dragging and rotating objects, changing colors, sizes and transparency with digital tool of hyperlink and screen effects of zoom in, drawing curtain and spotlight. All is simple to operate. Moreover, procedures of the operations above can be recorded for users to review.

4、Intelligent interactive model

It is a historic breakthrough in projection industry to incorporate whiteboard in projectors, realizing functions of writing, presenting, drawing, saving files and earasing to fullfil the class with diversity and liveliness.

5、ACTO “Crystal Color” image processing technology

This unique technology owned by ACTO helps to increase bightness and hue of primary colors and meditints by

improving gray scale and detail effects. With 10 bit Gamma correction, the contrast ratio and purity are greatly elevated. A more real and colorful image is presented bringing enjoyment of theater visual effects to classroom.

6、Top drawer replacement

The design of Top drawer lamp replacement brings convenience to users regarding to the lamp's maintenance, replacement and cleaning when the projector is ceiling mounted.

7、Multiple connectivity

Through RJ45 port, users can enter the LAN and obtain access to the projector, carrying out operations of remote power on /off and configuration. In addition, users can check the lamp counter and the projector's operation status in distance.

8、Auto keystone correction

If the screen is placed too high or too low, an angle will be generated between the projection and the screen, causing keystone distortion. Detecting the vertical gradient of the image, the projector's built-in sensor will automatically correct the distortion to a quadrate image within variation of ±30°.

9、Auto power off with no input signal

For saving energy, the lamp will be off automatically when no input signal is detected for a certain period and will be on immediately after the signal is input.

10、Auto temperature adjustment

Intelligent fan control system sustains the low rotation of fans and little noise under 27℃. Above certain temperature, the rotation speed will automatically adjust for energy saving, abating noise harm.

11、Auto lamp counter

Lamp operation time is counted automatically for user to check in regard to lamp replacement.

12、New explosion-proof lamp shield

The explosion-proof shield holds the shatter of the lamp inside the module preventing physical injure.

13、Adjustable cooling time

Unlike traditional fixed cooling time, this newly developed technology embedded realizes the setting of cooling time arranging from 3 minutes to 1 minute according to the user's demands.

14、Low noise

Under eco mode, the noise rate is controlled below 29dB, suitable for movie display, conference presentation in quiet ambience, letting you enjoy the image without any disturbance.

15、Direct disconnection

The power cord can be unplugged right after the power is off realizing grab-and-go funcinality.

16、Customzied start up screen

By menu operation, users can customize the start up screen for enterprises or individuals presenting their own distinct and unique images.

17、Double password lock and bouble anti-theft protection

Power-on password and keypad lock functions prevent the projector from unauthorized operation and theft. In addition, the projector can be locked through Kensington anti-theft slot and anti-theft lever by chains to for theft prevention.

18、Embedded speakers

The embedded 3w stereo speaker makes pesentation more vivid with super volumes even in noisy classrooms.

19、Double dust-proof design

The filter attached to the rear exhaust vent and special chip protection filter sponges at the bottom effectively prevent the projector from dust, oil fumes and humidity intrusion so as to protect inner parts, ensure image quality and extend projector life. It is especially suitable for application in heavy dust classroom.

20、Multiple projection modes

Four modes of dynamic, standard, theater and color board are available for selection. Whether projected in bright ambience, on black board or white wall, the image can be adjusted to the optimal with the best color effect and vividness.

21、Auto synchronization

All the presentation will be synchronized to the same interface automatically.

22、Auto signal search

All the cables connected, auto signal search starts to function and display the image automatically, providing easy and user friendly operation.

23、RJ45 network control port (optional)

Through RJ45 port, users can enter the LAN and obtain access to the projector, carrying out operations of remote power on /off and configuration. In addition, users can check the lamp counter and the projector's operation status in distance. The LAN control function enables the interconversion of TCP and RS232, simplifying the central control. The system's expansion capability is largely increased by the powerful LAN function. In schools or offices where the LAN is available, the user can set up connection with any computer within the LAN and can execute operations of all the projectors envolved in the LAN through any host in the system.

24、The blank screen key

By slight click of the key, the screen is switched to blank preventing information leak.

25、Innovative cooling design to ensure operation high altitude.

This model adopts Aeolus cooling system, uniquely owned by ACTO, equipped with 6 fans: one for the lamp, three for panels and two high power consumption fans for exhausting inner heated air in just a few seconds, balancing interior air pressure to ensure operation in areas of high altitude above 3000 meters and in southern areas of high humidity and temperature.

26、Partial zoom in/out and horizontal shift

Partial zoom in and out functions meets demads for user-friendliness to a larger extend. And horizontal shift function enables the move of image for presentation's convenience.

27、Eco mode extends lamp life

The Eco mode is available for selection in regard to lamp life extension and noise decrease with simultaneously purified black image.

28、19 languages options

19 embedded languages including English, French, German, Italian, Spanish, Portuguese, Dutch, Swedish, Finnish, Polish, Hungarian, Romanian, Russian, Chinese, Korean, Japanese,Thai, Persian and Vietnamese suit users of different linguistic background for presentation.

29、Adjustable lamp brightness

The lamp brightness can be adjusted to the viewer's best vision comfort along with benefits for lamp life extension and energy conservation.

30、2 aspect ratio options

Aspect ratio options of 16:9 and 4:3make multi-media vedio display, computer input signal display and high definition display easily available.

31、Closed caption function, a gift for auditory disabled viewers

This function is incorporated in LX200 series to display the caption of a film, making it clearly visible by auto correction, enabling auditory disabled viewers to enjoy the ultimate image experiences without difficulty.

32、Chinese aesthetic scroll menu

The menu is designed by traditional Chinese aesthetic concepts, adorned with auspicious clouds and unfolded in a scroll-like way.

33、Manually adjustable cooling time.

Unlike traditional fixed cooling time, this newly developed technology embedded in LX200 series realizes the setting of cooling time arranging from 3 minutes to 1 minute according to the user's demands.

34、Selections of Full/Short menus

The switch of Full and Short menus is easily achieved by remote control, making the search of the desired menu to adjust the setting swiftly available.

35、The management of abnormity blogs serves timely trouble shooting for the user

Abnormal operations such as abnormal power on/off and other irregular performances will be recorded automatically to remind the user of trouble shooting in time.

Specifications:

Model	LX640
Resolution	XGA (1024 x 768)
Display Technology	3LCD 0.63”
Brightness	2700 lm
Contrast Ratio	800:1
Uniformity	85%
Lamp	230w NSH
Projector life	节能模式4000H，正常模式3000H 4000H(Eco)/3000H(Normal)
Lamp Replacement Method	顶部更换 Top drawer replacement
Dimension	345mmX305mmX93.5mm
Weight	4kg
DB Rating	[Nomal]34dBA 以下，[Eco]29dBA 以下 <34dBA[Nomal], <29dBA[Eco]
Projection Method	front/rear, desktop/ceiling
Cabinet Color	white/银灰色/Black , White/Silver/Black
Input	S-Video, 色 差 分 量 (component vedio), Video,15-pin D-sub×2,Mini-Jack(stereo),RCA(L/R)音频 Input (Audio in)
Output	15-pin D-sub,RS-232, Mini-Jack (音频 Output)(Audio out),RJ45
Computor Compatibility	VGA SVGA XGA SXGA WXGA UXGA Mac
Video Compatibility	PAL，SECAM，NTSC 4.43，PAL-M，N，HDTV(480i，480p，575i，575p，720p，1035i，and 1080i480i，480p，575i，575p，720p，1035i，and 1080i)
Aspect Ratio	4:3 / 16:9
Lens	F 值1.8，f 值9.02mm 固定焦点 F=1.8,f=9.02mm, fixed focus
Digital Keystone Correction	80"@1m
Projection	0.51m-2.56m

Distance	
Image Size	40"～200"可调(Adjustable)
H Scanning Frequency	15-100KHz
V Scanning Frequency	50-100Hz
Power Consumption	280W
Power Supply	100-240V AC
speaker	单声道7W Mono 7W
Operating Temperature	0-40度 0-40℃
Storage Temperature	-10度-60度-10-60℃
OSD Language	十九国语言 19 Languages
Accessories (Standard)	User Manual ,ACPower Supply Cord,Remote Control, Batteries,VGA CABLE,Lens Cap,PIN CODE

Accessories：

User Manual /Strap for Lens cap/Power Supply Cord/Remote Control/Batteries/VGA CABLE/Warranty Card/Certificate of Inspection/Drying AgentLens Cap/Lens Cap